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**APPENDIX**
(Attachment to Amendment Accompanying RCE Request/
Reply to Office Action of October 25, 2004)

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Top Web Results for "vulnerability"

**2 entries found for *vulnerability*.**

**vul·ner·a·ble** Pronunciation Key (vŭl'nər-ə-bəl)
*adj.*

1.
   a. Susceptible to physical or emotional injury.
   b. Susceptible to attack: "We are vulnerable both by water and land, without either fleet or army" (Alexander Hamilton).
   c. Open to censure or criticism; assailable.
2.
   a. Liable to succumb, as to persuasion or temptation.
   b. *Games.* In a position to receive greater penalties or bonuses in a hand of bridge. In a rubber, used of the pair of players who score 100 points toward game.

[Late Latin `vulnerābilis`, *wounding*, from Latin `vulnerāre`, *to wound*, from `vulnus, vulner-`, *wound*. See `wel²-` in Indo-European Roots.]

**vul'ner·a·bil'i·ty** or **vul'ner·a·ble·ness** *n.*
**vul'ner·a·bly** *adv.*

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Source: *The American Heritage® Dictionary of the English Language, Fourth Edition*
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**vulnerability**

n 1: the state of being vulnerable or exposed; "his vulnerability to litigation"; "his exposure to ridicule" [syn: exposure] 2: susceptibility to injury or attack [ant: invulnerability]

Source: *WordNet ® 2.0, © 2003 Princeton University*

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## Web

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### Definitions of **vulnerability** on the Web:

- Hardware, firmware, or software flow that leaves an AIS open for potential exploitation. A weakness in automated system security procedures, administrative controls, physical layout, internal controls, and so forth, that could be exploited by a threat to gain unauthorized access to information or disrupt critical processing.
  www.tsl.state.tx.us/ld/pubs/compsecurity/glossary.html

- Weakness in an information system, system security procedures, internal controls, or implementation that could be exploited.
  www.tecrime.com/0gloss.htm

- The conditions determined by physical, social, economic, and environmental factors or processes, which increase the susceptibility of a community to the impact of hazards. For positive factors, which increase the ability of people to cope with hazards, see definition of capacity.
  www.unisdr.org/eng/library/lib-terminology-eng%20home.htm

- A flaw or weakness in system security procedures, design or implementation that could be exercised (accidentally triggered or intentionally exploited) and result in a harm to an IT system or activity. Examples: Terminated employees system identifiers (ID) are not removed from the system Vendor released patches have not been installed
  www.cscic.state.ny.us/msisac/webcasts/8_04/info/804_webcast_glossary.htm

- "a weakness in a system allowing unauthorized action [(NRC91:301; Amo94:2) Sandia] A flaw or weakness in a system's design, implementation, or operation and management that could be exploited to violate the system's security policy." [RC2828] "A 'vulnerability' is a characteristic of a piece of technology which can be exploited to perpetrate a security incident. ...
  www.terena.nl/tech/task-forces/tf-csirt/iodef/docs/i-taxonomy_terms.html

- relates to risk of attack. In Information Technology terms, vulnerability describes points of risk to penetration of security barriers. Awareness of potential vulnerability is very important to designing ever more effective defenses against attack by unauthorized parties.
  www.dis.wa.gov/portfolio/Definitions.htm

- susceptibility to degradation or damage from adverse factors or influences
  www.epa.gov/reva/glossary.htm

- A condition wherein human settlements or buildings are threatened by virtue of their proximity to a hazard, the quality of their construction, or both. Degree of loss (from 0 percent to 100 percent) resulting from a potential damaging phenomenon.
  www.irinnews.org/webspecials/DR/Definitions.asp

- the level of exposure of human life, property, and resources to damage from natural hazards.
  www.csc.noaa.gov/products/tsunamis/htm/cascadia/terms.htm

- Any weakness that could be exploited to violate a system or the information that it contains. (Secure EDI)
  www.ca0.net/Glossary.html

- State of being vulnerable, ie exposed to suffering, needs or threats while lacking abilities and/or resources to cope with these. "Vulnerability means not lack or want but exposure and defencelessness. It has two sides: the external side of exposure to shocks, stress and risk; and the internal side of defencelessness, meaning a lack of means to cope without damaging loss" (R. Chambers).
  www.undp.org/rbec/nhdr/1996/georgia/glossary.htm

- or the extent to which stressors may harm a system, depends on both its sensitivity and ability to adapt to new levels of stressors. Vulnerability increases with the magnitude and rate of change. Vulnerability decreases with economic development, as wealthy societies are, in general, less sensitive and more adaptable than less developed countries. Vulnerability determines the net impacts of a stressor on a receptor. ...
  www.geocities.com/davefergus/Transportation/2CHAP2.htm

- (1) A system limitation or weakness (may not be exploitable); (2) the openness of a system to exploitation by countermeasures; (3) the practicality and probability of an adversary exploiting a susceptibility in combat. 003
  appl.nasa.gov/resources/lexicon/terms_v.html

- The extent to which an individual, community, sub-group, structure, service, or geographic area is likely to be damaged or disrupted by the impact of a particular disaster hazard.
  www.cwserp.org/training/CWSEMT/KCmodulea.php

- A design, implementation, or operation flaw that may be exploited by a threat; the flaw causes the computer system or application to operate in a fashion different from its published specifications, and to result in destruction or misuse of equipment or data.
  www.flashback.se/archive/BT/btcsmg.html

- In network security, a vulnerability refers to any flaw or weakness in the network defense that could be exploited to gain unauthorized access to, damage or otherwise affect the network.
  www.techdirectcomputers.com/Encyclopedia.htm

- Existence in a system of an exploitable weakness. When both threat and vulnerability align, then the system is at risk. All that is required is that the perpetrator have the skill, knowledge, access and motivation (espionage, sabotage or fraud).
  www.southportllc.com/glossary.htm

- the state of being vulnerable or exposed; "his vulnerability to litigation"; "his exposure to ridicule"
- susceptibility to injury or attack
  wordnet.princeton.edu/perl/webwn

- Vulnerability is the susceptibility to physical or emotional injury or attack. It also means to have one's guard down, open to censure or criticism; assailable. Vulnerability refers to a person's state of being liable to succumb, as to persuasion or temptation.
  en.wikipedia.org/wiki/Vulnerability

- In computer security, the word vulnerability refers to a weakness or other opening in a system. Vulnerabilities may result from bugs or design flaws in the system. A vulnerability can exist either only in

theory, or could have a known exploit.
en.wikipedia.org/wiki/Vulnerability_(computer_science)

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# 5 entries found for *integrity*.

**in·teg·ri·ty** Pronunciation Key (ĭn-tĕg′rĭ-tē)
*n.*

1. Steadfast adherence to a strict moral or ethical code.
2. The state of being unimpaired; soundness.
3. The quality or condition of being whole or undivided; completeness.

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[Middle English integrite, from Old French, from Latin integritās, *soundness*, from integer, *whole, complete*. See tag- in Indo-European Roots.]

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**in·teg·ri·ty** (ĭn-tĕg′rĭ-tē)
*n.*

The state of being unimpaired; soundness or wholeness.

Source: *The American Heritage® Stedman's Medical Dictionary*
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*Published by Houghton Mifflin Company.*

Main Entry: **in·teg·ri·ty**
Pronunciation: `in-'teg-r&t-E`
Function: *noun*
Inflected Form: *plural* **-ties**
: an unimpaired condition <personality function depends greatly upon the *integrity* of brain function —*Diagnostic & Statistical Manual*>

Source: *Merriam-Webster's Medical Dictionary, © 2002 Merriam-Webster, Inc.*

**integrity**

n 1: an unreduced or unbroken completeness or totality [syn: unity, wholeness] 2: moral soundness

Source: *WordNet ® 2.0, © 2003 Princeton University*

**integrity**

integrity: in CancerWEB's On-line Medical Dictionary

Source: *On-line Medical Dictionary, © 1997-98 Academic Medical Publishing & CancerWEB*

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## Web

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### Definitions of **integrity** on the Web:

- an undivided or unbroken completeness or totality with nothing wanting; "the integrity of the nervous system is required for normal development"; "he took measures to insure the territorial unity of Croatia"
- moral soundness; "he expects to find in us the common honesty and integrity of men of business"; "they admired his scrupulous professional integrity"
  wordnet.princeton.edu/perl/webwn

- Integrity comprises the personal inner sense of "wholeness" deriving from honesty and consistent uprightness of character. The etymology of the word relates it to the Latin adjective integer (whole, complete). Evaluators, of course, usually assess integrity from some point of view, such as that of a given ethical tradition or in the context of an ethical relationship. People who for instance said bad things about their own grandmother might appear to lack a form of integrity.
  en.wikipedia.org/wiki/Integrity

- Integrity is a real-time operating system (RTOS) manufactured and marketed by Green Hills Software. It is build atop the velOSity microkernel and is intended mainly for modern 32- or 64-bit embedded system designs that support MMU. Supported platforms include different variants of ARM, PowerPC, MIPS, Intel x86, and XScale computer architectures.
  en.wikipedia.org/wiki/Integrity_(operating_system)

- means the property that data or information have not been altered or destroyed in an unauthorized manner.
  www.preemptinc.com/definitions.html

- Assuring information will not be accidentally or maliciously altered or destroyed. [7]
  www.ee.oulu.fi/research/ouspg/sage/glossary/

- honesty, virtue
  wells.entirety.ca/glossary.htm

- In each case there is concern with the relationship between sovereignty or territorial integrity and the powers conferred upon some more comprehensive framework. In one case the territory is a geographical area, in the other it is a subject area. In defining international it is important to distinguish between its use as applied to regional groupings of different extent: Andean, Caribbean, Baltic, Scandinavian, African, Afro-Asian, and European, for example.
  www.uia.be/knowledge/knowcom_bodies.php

- A digital signature allows the recipient of a given file or message to detect whether that file or message has been modified.
  www-rohan.sdsu.edu/doc/oracle/network803/A54088_01/conc1.htm

- The ability of a system to provide timely warnings to users when the system should not be used for navigation as a result of errors or failures in the system.
  www.eurofix.tudelft.nl/glossary.htm

- Integrity is a security service that ensures that modifications to data are detectable.
  tiefighter.et.tudelft.nl/~arthur/aaa/aaaterms.html

- Go to Top of Document - CONTENTS Integrity describes the general level of confidence that can be attributed to this data element (ie "high", "medium", "low", "none"). It is an indication of faith that the data element will contain the appropriate values. Example: element SSN would have an integrity value of "high", while data element Computer_position might be "low" or "none". Element Name: Integrity Table: MetaData Length: 20 Data Type: Character
  https://mis.doe.gov/doeinfo/infoTerm.cfm

- Protection against unauthorized modification or destruction of information. [NS4009]. A state in which information has remained unaltered from the point it was produced by a source, during transmission, storage, and eventual receipt by the destination.
  www.pki.vt.edu/help/glossary.html

- refers to the security of information -- protection of the information from unauthorized access or revision, to ensure that the information is not compromised through corruption or falsification. Information for purposes of the data quality law, Section 515, means any communication or representation of knowledge such as facts or data, in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual forms. ...
  www.irs.gov/irs/article/0,,id=131192,00.html

- Sound, unimpaired or perfect condition.
  www.michigan.gov/cybersecurity/0,1607,7-217-34415---,00.html

- honesty; sincerity; trustworthiness
  www.imuna.org/c2c/app_a.html

- A condition in which the data has not been changed or destroyed in an unauthorised way, such that the current state is identical with the original state before transmission.
  www.infosec.gov.hk/english/general/glossary_gj.htm

- Proves that information has not been manipulated.
  www.cafesoft.com/support/security-glossary.html

- the condition of a forest as a whole including composition, structure, and function.
  https://www.uwsp.edu/natres/nres743/Glossary.htm

- the quality or state of being of sound moral principle; uprightness, honesty, sincerity.
  www.summit.org/resource/dictionary/

- In psychological assessment: A personality construct measuring the tendency towards counterproductive behavior at the workplace (ie deviant behavior, periods of absence, abuse of work materials, etc.).
  www.personalpsychologie.com/glossary.html

- a Primary Principle and prime virtue, is steadfast adherence to a code of moral or ethical values, incorruptibility, and the quality or state of being complete or undivided.
  miriams-well.org/Glossary/

- means the characteristic of data and information being accurate and complete and the preservation of accuracy and completeness by protecting the data and information from unauthorized, unanticipated, or unintentional modification.
  www.theiia.org/ecm/tech.cfm

- Safeguarding the accuracy and completeness of information and computer software.
  www.primode.com/glossary.html

- the unimpaired authenticity of a property's historic or prehistoric identity, evidenced by surviving physical characteristics.
  dmla.clan.lib.nv.us/docs/shpo/poguide/guide6.htm

- accordance with the relevant moral values, norms and rules
  www.aspaonline.org/ethicscommunity/definitions.htm

- absence of improper system alterations.
  doi.ieeecomputersociety.org/10.1109/TDSC.2004.2

- Having the characteristics of honesty and sincerity.
  www.karinscourtyard.com/arkmanual/glossary.html

- The assurance that information has been created, amended or deleted only by the intended authorised means. For example the information can be 'trusted'.
  education.qld.gov.au/corporate/doem/commuman/cm-17000/definitions.html

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